

Warranty Card

Terms of Warranty

To your energizer

Granit GA1501

we issue warranty for a period of

3 years

at following conditions:

We issue warranty to your energizer **GA1501** for a period of 3 years from date of selling at following conditions:

The selling date has to be proved by this certificate of guarantee, which has to be accurately completed by your dealer.

All deficiencies or damages during this period that can be traced back to faults of material or faults of fabrication, will be repaired costless, when the device is returned to us prepaid.

This warranty cannot be issued when the device is being connected to wrong power supply or when it was damaged due to an Act of God (e. g. lightning stroke or water damage). It also cannot be issued in any case of unauthorized intervention or maloperation.

Device: **Battery Energizer Granit GA1501**

Selling date:

Serial number:

Dealer stamp/signature of dealer:

To execute repair works please contact your local GRANIT dealer:



86063E_BAL_A1501_Tiefentladeschutz_Granit_ENGLISCH.p65

User manual (english version)

Battery Energizer GA1501

Order No. 580580104



Packing unit:

- 1 battery energizer GA1501
- 1 set fence and grounding cable
- 1 warning plate
- 1 user manual and warranty card



Mounting

Mount the energizer **GA1501** upright at a grounding rod, at a wall or in an appropriate housing or case. Protect the energizer from water.

Hit the grounding rod deeply into the ground at a humid place directly nearby your fence. Place your **GA1501** onto the grounding rod. Connect the grounding rod with the blue earthing cable to the ground connector of your energizer. Connect your fence and the fence connector of your energizer using the red fencing cable. Connect the energizer to the 12V battery in the right connection order of the battery clamps (red clamp +, black clamp -).

Using the battery, deep-discharging protection

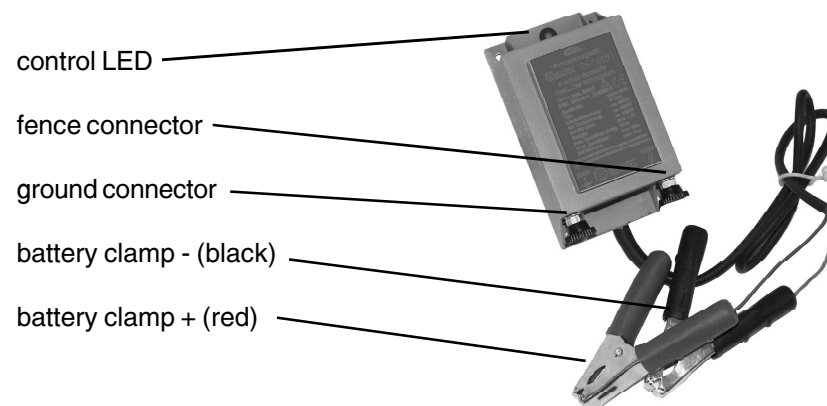
The energizer **GA1501** protects the battery with an in-built deep-discharging protection. If the battery voltage sinks below 10,8V the deep-discharging protection turns off the energizer and the green control LED blinks. Please note:

- 12V lead-acid-batteries must be charged approx. every 6 months, even when they are not in use.

Power-saving and controls

The energizer **GA1501** is also fitted with an in-built power-saving circuitry: connected to a good fence (without faults and without arc-overs) and to a good grounding the power consumption is being reduced to a minimum. The multi-color control LED informs you about the condition of your energizer and your battery:

- **green/orange:** Your 12V battery is charged well. The longer the control LED lights orange, the higher is the consumption of battery energy. The better your fence is isolated the fewer is the consumption of battery energy.
- **green/red:** Your 12V battery must be charged.
- **green shortly blinking:** The deep-discharging protection is activated. The energizer has turned off as the tension of the battery is too low. The battery is now being protected against deep-discharge. Charge your battery immediately.



Safety informations

Not following the safety instructions and an incorrect energizer setup could lead to hazard and may cause technical malfunction of the energizer. Please observe strictly following items:

- Connect your energizer **GA1501** only to a 12V battery
- Always use proper fencing material when using flexible fencing wire. Wire of low quality is not recommended.
- Your energizer **GA1501** can also be used for tending sensitive animals.
- Build up your fence solidly. Avoid your animals from getting tangled in your electric fence.
- Check the condition of your fence and your energizer daily.
- Full performance of your energizer **GA1501** is achieved by using good isolated fences without fouling.
- Take care of a good grounding condition!
- Check the condition of your 12V battery daily and charge it if required. Avoid deep-discharging! Consider that a 12V lead-acid battery discharges slowly by itself even if they are not used.

Technical data

operating voltage:	12VDC
current consumption:	45-80mA
off-load voltage:	approx. 8200V
tension with animal touching fence:	approx. 7100V
tension with load 500 Ohm:	approx. 3500V
impulse energy:	approx. 0,7J
max. length of fence (CEE):	approx. 4-10km
operating duration of battery 44Ah:	approx. 30-45 days, depending on fence